

LAST DAYS OF FLOOD ROCK.

NINE ACRES OF IT WILL BE BLOWN OUT OF WATER ABOUT OCT. 1.

Twenty-two miles of dynamite and black-rock, covered by a heavy layer of earth, are now being blown out of the river. The explosive now being put in place under the bed of the river. People who have travelled up East River and through Hell Gate to the Sound have noticed during the last eight or nine years that just before the vessel that carried them made a sharp turn to the right off Astoria to enter Hell Gate, she passed on the right of a little island, with wooden bulkheads and made-stone walls around it, that supported a heterogeneous mass of shanties and buildings, from which arose a tall smoke stack and a huge wooden derrick with two big wheels on top of it. From a big rough on one side there flowed a never-failing stream of water. To one coming down through Hell Gate toward the city the little island seemed to be directly in the middle of the channel, and just how the vessel was to get around it was a question which the passenger was likely to puzzle over. Very often the pilot himself failed to solve the puzzle, for the current running at ten miles an hour and the swirl and eddies caused by the crooked channel, it was no easy task to steer a vessel through. On the point around which the channel made a bend at right angles there has been for a year or more a huge but graceful form that supported a mass of electric lights, which illuminated the whole dangerous locality, but very often the light served only to enable the unfortunate sailor to see where he was doomed to strike. Sometimes as many as four vessels have struck the little island on one day, and it was a cold wreck when one was not brought to grief. The island is known to the pilots as Flood Rock, and the point as Hall's Point.

Had it been during these nine years the channel through Hell Gate is a mile pond now to what it was 35 years ago. The shanties and smoke stack and derrick on the little island were erected to mark the point where the channel was to be widened. The improvements contemplated under the plans made by Gen. Newton, Chief of Engineers, the entire removal of the island and the widening of the channel, which was 25 feet deep across the whole channel, from the foot of the island to the Sound, a long island with a little cottage on it, a quarter of a mile off toward New York that is known as the little island.

Work on the little island began in 1875, about one year before Gen. Newton blew out of water the rock that supported the point of the electric light tower.

Two big wheels called shafts were sunk down in the rock to hold the point of the electric light tower. The shafts were connected by a tunnel. In one shaft a stairway was built and pipes were run from the foot of the island to the Sound to work the big pumps that were needed to lift the water that filled the tunnel.

From these shafts the workers blasted out tunnels, running parallel with the shore, and the point of the island was blown out of the water. The work was the same old story that crops out all over Manhattan Island. Very often the blast would be so strong that it would blow down only a few feet of the rock, and then a charge of dynamite exploded in it would bring down only a few feet of the rock.

The work has been continued ever since 1875 at intervals, which were long or short, according to the weather and the means. Some idea of the work involved can be obtained from the figures furnished by the engineers in charge of the work.

The island has been planned off at a depth of twenty-five feet below low-water mark. The remaining work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

In all, twenty-two miles of dynamite have been run from north to south through the island, the longest of which is 1,200 feet long. There are intended to be run through the island nearly east and west, the longest one being 625 feet. The tunnels are on an average, ten feet from the shore, and the work is to be done in the future.

The roof of the rock they support is from ten to twenty feet thick, and the work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

From these measured 80,000 cubic yards as it lay in its original bed. The huge pillars and rock that remain measure 375,000 cubic yards as they stand.

In making these galleries passages of water were met with. The use of cement being out of the question under the great pressure of the water. After the galleries were made, the next work was to drill the rock and the pillars of holes in which to put cement.

The dynamite, which was used in the work, was of the best quality. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

They were from 4 to 2 feet apart. They run up through the pillars and the rock, and the work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

Through the rock at an angle of 60° with the horizontal. They have all been completed, and the work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

Two kinds of explosives were used in the work. One was a mixture of nitro-glycerine and a lead-lined tank by men who use wooden boxes and work on men in mixing mortar. It is picked from a trough into copper cylinders, and the work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

When the cylinder is full, the head is soldered in, and the work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

The soldering is in a hollow tool that is heated by free steam and can never get hotter than 212° Fahrenheit. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

Close up filled cartridges on these works, the danger of over-heating the solder and the powder having been taken into consideration. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

The cartridges when filled are taken over to the rock, and the work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

Up into the hole by means of long wooden rods. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

about a foot of the top with rammer cartridges, four little steel prongs that catch in the sides of the hole, and the work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

ridges in place. Then on top of the rammer cartridges, four little steel prongs that catch in the sides of the hole, and the work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

cartridge that has a fifteen-inch dynamite charge in it. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

When this work is done there will be 25 miles of cartridges stowed away in the pillars and rock of the island. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

at work showing away the cartridges now and taking up the rock. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

through the channel, and on which patients mules dragged out, the car loads of rock after the blast. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

the galleries. Clad in big rubber boots, cloak and hat, and holding a flare light in his hand the visitor followed the guide up the stairs until the bottom of the big shaft was reached. Then he splashes out through the water that covered the bottom of the galleries. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

The guide points out one of the white rock pillars. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

and the visitor looks at the black, wet, slippery and a number of the pillars. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

always says it is very interesting, but the chances are he is thinking about the possibility of a premature explosion of the dynamite already stowed away. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

Very little can be seen by one unaccustomed to subterranean life. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

to stand in the middle of a yellow, vapory ball, with silver jets of water glistening down through it or coming from the sides. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

source on the side. The guide who stands by the visitor states in one direction or another, enough he will be able to distinguish by the reflection of the light on the water. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

rocks that form the walls of the gallery. And all the time there is a rubbing and dripping of water that makes it difficult to see. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

Will the explosion of 275,000 pounds of dynamite into North River? The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

Light, thereby. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

"I think not," he said. "We do not expect it to make any more of a disturbance than the 50,000 pounds of dynamite that was exploded in the point over there at Astoria. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

Small powder is often thrown the water high into the air, and the work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

and dance, and then it will settle down, and for a while we will have a worse obstruction than that we have now. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

occupy about a half more space than the solid rock does. But we have the money to clear away. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

and carried away to deep water. There is a hole now in the rock, and the work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

of Blackwell's Island that will hold them. The work is to be done in the future. The work is to be done in the future. The work is to be done in the future.

KNIVES IN THE FORECASTER.

One Sailor Killed Outright and Another Dying—A Quarrel About Fifteen Cents.

Julius Wolff and Frederick Feen were strangers to each other when they shipped at Hamburg on the bark Mozart at midnight on Saturday night. Instead of doing so he went on shore with Feen, leaving Fritz Drayer, the steward, on watch. They visited a grocery in Columbia street, a short distance from the waterfront, and returned about 1 o'clock. Feen was the driver of the two. What followed is described by Drayer:

As soon as Feen stepped aboard he began to quarrel with his companion about the cost of the drinks, saying that the bartender had charged fifteen cents for a glass of beer. (Wolff) ought not to have allowed it. Wolff tried to quiet him and asked him not to make a row, but he would not be satisfied until he had made it. Wolff and the steward prevailed on Feen to go below to his bunk in the forecastle, but he refused to do so. He made it his business to talk loudly and to denounce the bartender for overcharging him. Wolff and the steward tried to quiet him, but he would not be satisfied until he had made it his business to talk loudly and to denounce the bartender for overcharging him.

Wolff then picked up a sheath knife which was on the table, and before the steward could stop him he had struck Feen on the head with it. Feen fell back on the table, and Wolff raised himself with difficulty from the bunk, stooped down and looked in the face of the man who had just struck him. He returned in a moment and stroked himself on the forehead with his hand. He then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

KNIVES IN THE FORECASTER.

One Sailor Killed Outright and Another Dying—A Quarrel About Fifteen Cents.

Julius Wolff and Frederick Feen were strangers to each other when they shipped at Hamburg on the bark Mozart at midnight on Saturday night. Instead of doing so he went on shore with Feen, leaving Fritz Drayer, the steward, on watch. They visited a grocery in Columbia street, a short distance from the waterfront, and returned about 1 o'clock. Feen was the driver of the two. What followed is described by Drayer:

As soon as Feen stepped aboard he began to quarrel with his companion about the cost of the drinks, saying that the bartender had charged fifteen cents for a glass of beer. (Wolff) ought not to have allowed it. Wolff tried to quiet him and asked him not to make a row, but he would not be satisfied until he had made it. Wolff and the steward prevailed on Feen to go below to his bunk in the forecastle, but he refused to do so. He made it his business to talk loudly and to denounce the bartender for overcharging him. Wolff and the steward tried to quiet him, but he would not be satisfied until he had made it his business to talk loudly and to denounce the bartender for overcharging him.

Wolff then picked up a sheath knife which was on the table, and before the steward could stop him he had struck Feen on the head with it. Feen fell back on the table, and Wolff raised himself with difficulty from the bunk, stooped down and looked in the face of the man who had just struck him. He returned in a moment and stroked himself on the forehead with his hand. He then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wolff then turned to the steward and said: "I have been struck on the head, and I am not going to let you off. I am going to see the doctor."

Wanted—Females.

OPERATOR in and out doors on hand and foot.

PAPER BOXES—Experienced glaze and paste work; no others need apply. WILKINS & CO., 215 Canal st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.

PAPER BOXES—Experienced hands on glaze and paste work. L. WAGNER & CO., 132 South 5th st.